

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave.St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025101**Date Inspected:** 19-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** See below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Kelly Leavitt, was present during the times noted above for random observations relative to the work being performed.

**Blast Bay**

This Quality Assurance (QA) inspector performed Visual Testing (VT) of an area that has been previously tested by American Bridge Fluor (ABF) QA personnel using the Magnetic Particle (MT) and VT method. This QA Inspector provided a turnover to dayshift personal for tracking of these welds. The member was identified as OBG 14E. The weld designations reviewed are as follows:

SEG3019L-029~051,002,010,008,005,056~088

SEG3019AA-017,019,029,030,021,057,058,061,062,059,060,063,064,055,056,065,066

SEG3019E-1-001,002,400,180,181,025~050,321,176,177,011,012,323~327,170,171,142,143,409,322

SEG3019E-2-230,231,234,235,238,239,242,243,244,247,248,251,252,255,256,259,260,263,264,267,268,271,272, 275,276,279,280,283,284,287,291,292,295,296,299,300,303,304,307,308,311,312,315,316,319,320,288

LD3043-001-053,054,073,074,057,058,077,078,055,056,075,076,061,062,081,082

FB3293-001-047~050,054~057

FB3288-001-044~047,037~040

FB3292-001-021,022,032,033

SEG3019M-277~280

DP3161-002-390,391,384

DP3162-002-400,406

DP3164-001-255,252

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## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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This QA inspector performed MT of approximately 15% of an area that has been previously tested and accepted by ZPMC Quality Control (QC) personnel. This QA Inspector generated an MT report for this date. The member was identified as OBG 14E. The weld designations reviewed are as follows:

SEG3019L-044~051,056~059,063,075

SEG3019AA-021,061,062,059,060

SEG3019E-1-039~048

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

### Summary of Conversations:

“No relevant conversations.”

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact James Devey 1500026784, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Leavitt,Kelly	Quality Assurance Inspector
<b>Reviewed By:</b>	Riley,Ken	QA Reviewer

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